

SPEC SHEET (FOR REFERENCE)	SHEET No. G05046A	Rev. 1	Page. 1 of 1
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TYPE:6PT2302N1T * *	
CHIP SIZE	0.56 * 0.43mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	20	V
Gate-Source voltage	VGSS	±8	V

WAFER PROBING SPEC (Ta=25°C)

TEST NO.	MODE	LIMIT			UNIT	CONDITION
		MIN	Typ	MAX		
1	IGSS			±3	uA	VGS=±8.0V, VDS=0V
2	IDSS			500	nA	VDS=20.0V, VGS=0V
3	BVDSS	23.0			V	ID=250uA, VGS=0V
4	Vth	0.53		1.1	V	ID=250uA, VGS=VDS
5	RDS(on) 1		0.14	0.23	Ω	ID=600mA, VGS=4.5V
6	RDS(on) 2		0.2	0.275	Ω	ID=500mA, VGS=2.5V
7	RDS(on) 3		0.3	0.7	Ω	ID=350mA, VGS=1.8V
8	RDS(on) 4		0.5	9.5	Ω	ID=40mA, VGS=1.5V
9	VSD			1.1	V	IS=200mA, VGS=0V

※Built in ZD between Gate and Source